



DEFENSE LOGISTICS AGENCY

AMERICA'S COMBAT LOGISTICS SUPPORT AGENCY



Defense Logistic Management Standards Brief to International Customer User Group (ICUG)

Mr. Larry Tanner for Mr. D.C. Pipp,
Director

DLA Logistics Management Standards

<http://www.dla.mil/j-6/dlms/>

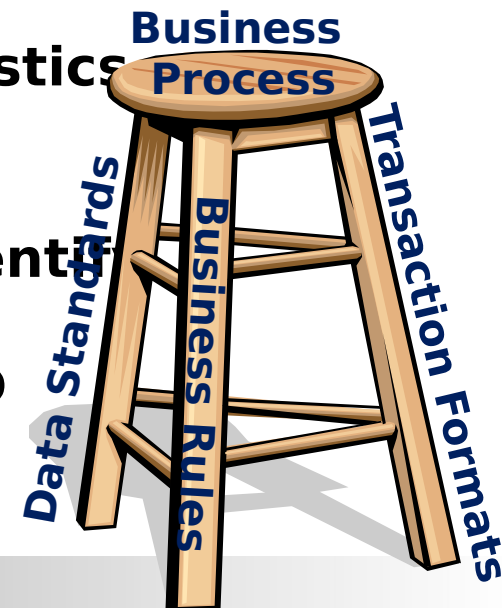


DLMS Purpose/Mission

Business Process Transformation & Interoperability

Facilitate enterprise integration and continuous process improvements to logistics management and operations while maintaining interoperability by:

- Developing business rules that implement DoD policy
- Developing and managing the DoD logistics information exchange infrastructure
- Publishing detailed procedures that identify who does what, when, and how along the DoD logistics chain





What is the DLMS?

- **The Defense Logistics Management System (DLMS) is a broad base of process rules, data standards and electronic business objects (information exchange forms) designed to meet DoD's requirements for total logistics support.**
 - ✓ Includes procedures, data standards, code lists, metrics, policies, and transaction formats
 - ✓ The DLMS are constantly changing, over 100 approved changes annually
 - ✓ Currently consist of two data transmission forms:
 - DLMS EDI Supplements that use ASC X12 transaction sets to consolidate the functionality of 500+ DLSS transaction formats
 - DLMS XML Schemas - one for each EDI Supplement
 - ✓ Maintains capability to communicate legacy system information requirements while expanding to support new initiatives (MILS to

Enable Enterprise Interoperability



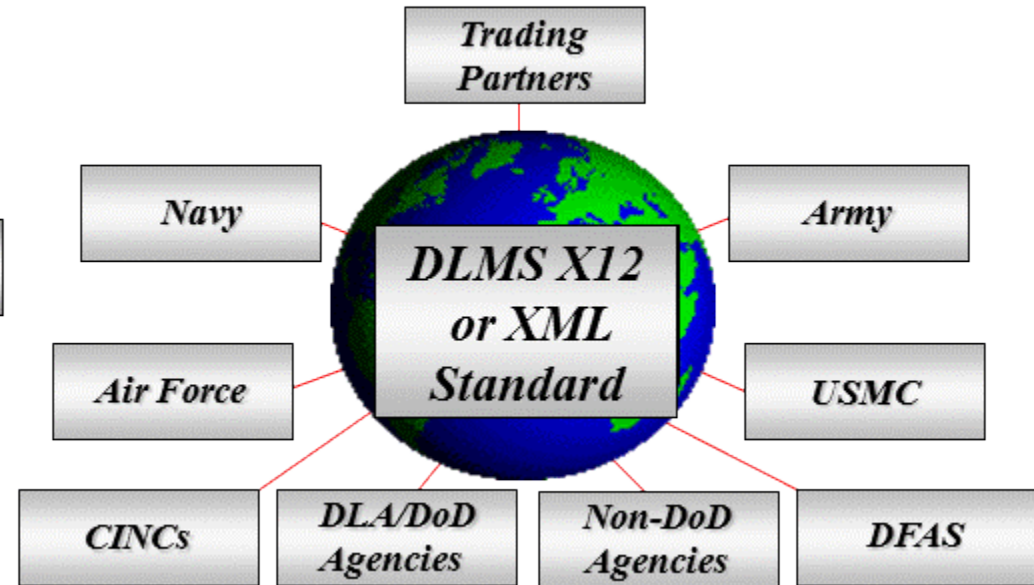
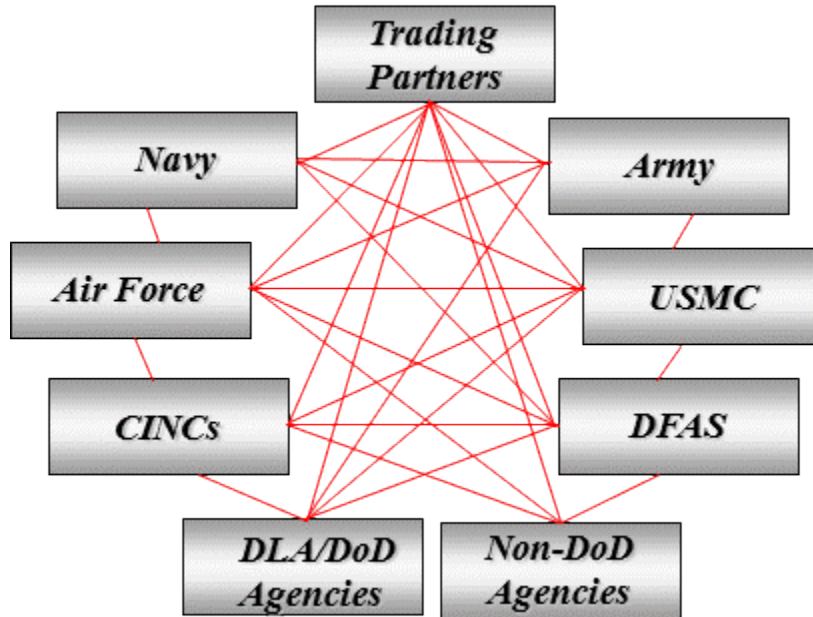
Interoperability

Framework

- **Business Policy:** *A required outcome - Property stewardship*
 - **Business Process:** *An assemblage of business rules that collectively form a process. -- Physical Inventory Management*
 - **Business Rule:** *States what must or must not be done.*
Storage Activities must report the ending on-hand inventory balance to the item owner for all items having any balance effecting business activity that day.
 - **Business Object:** *A collection of data in a specified format that launches a process or reports process results.*
An order, inventory adjustment, request for payment, etc.
 - **Metadata:** *Characteristics of a data element. Inventory Balance Date = 8 numeric characters (yyyymmdd)*



Why Standard?



- Ensures interoperability among trading partners for information exchanges
- Can satisfy all current and future data exchange requirements
- Minimizes maintenance costs - mapping and translation services kept manageable



Receive, Validate, Edit, Route, & Transmit

DAAS delivers the ability to receive and transmit logistics data across various networks, supporting numerous protocols and formats. This communications interoperability minimizes the number of interfaces that the DoD Components must use for the exchange of logistics data. DAAS maintains a history of all transactions processed/routed to support analysis.

- Army
- Navy
- Air Force
- Marine Corps
- USTRANS COM
- Defense Agencies
- Intelligence Activity
- DoD Education
- NATO
- FMS Countries

98% of workload

- Commerce
- State
- Justice
- Transportation
- NASA
- GSA
- FAA
- VA
- FEMA
- USPS
- GAO
- USCG

2% of workload

221,574 Activities
Worldwide Exchanging Billions of Transactions

Mapping & Translation Services



Routing and Transmission Services

- Suppliers
- Defense Logistics Agency
- Military Services
- General Services Admin.
- Commercial Suppliers

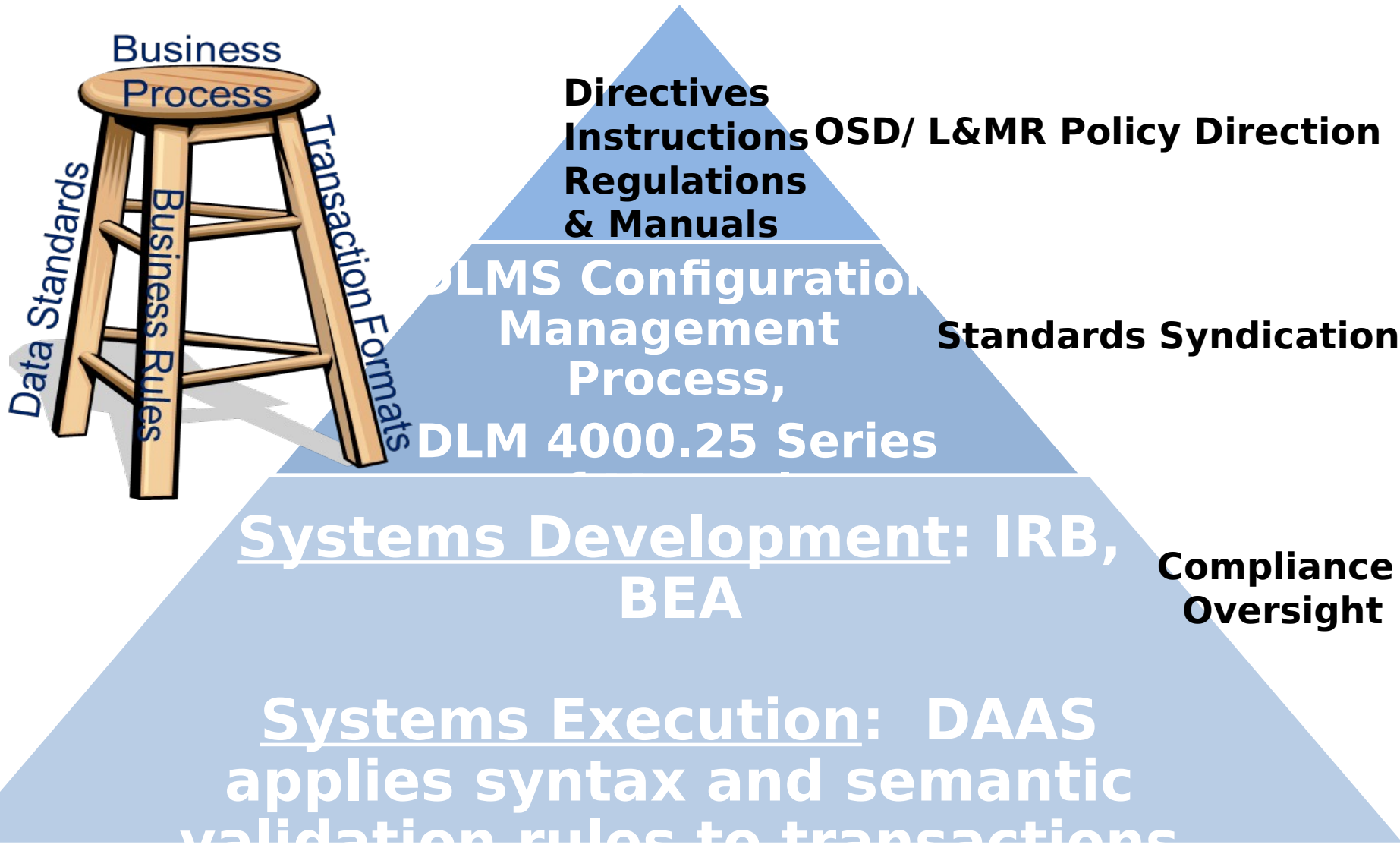
DAAS Transactions:

- DLSS (MILS)
- DLMS (X12)
- DLMS

Execute Enterprise Interoperability



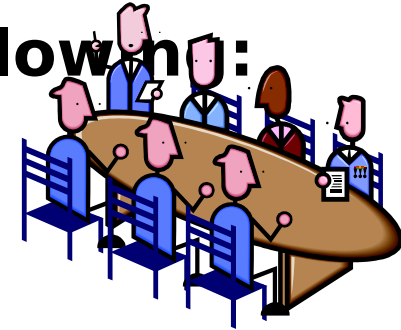
Governance



Governance

DLMS Process Review Committees (PRC)

- **The DLMS office chairs the following:**
 - ✓ Supply PRC
 - ✓ Finance PRC
 - ✓ PM PRC
 - ✓ DODAAD, MAPAD, SDR, JPIWG & others
- **Composed of representatives from the DoD Components, the U.S. Coast Guard, and participating Federal Agencies**
- **Responsibilities include:**
 - ✓ Develop and recommend revised policy, procedures, or process improvements
 - ✓ Develop, evaluate, and coordinate proposed DLMS changes
 - ✓ Help resolve problems, violations, and deviations that arise during system operations





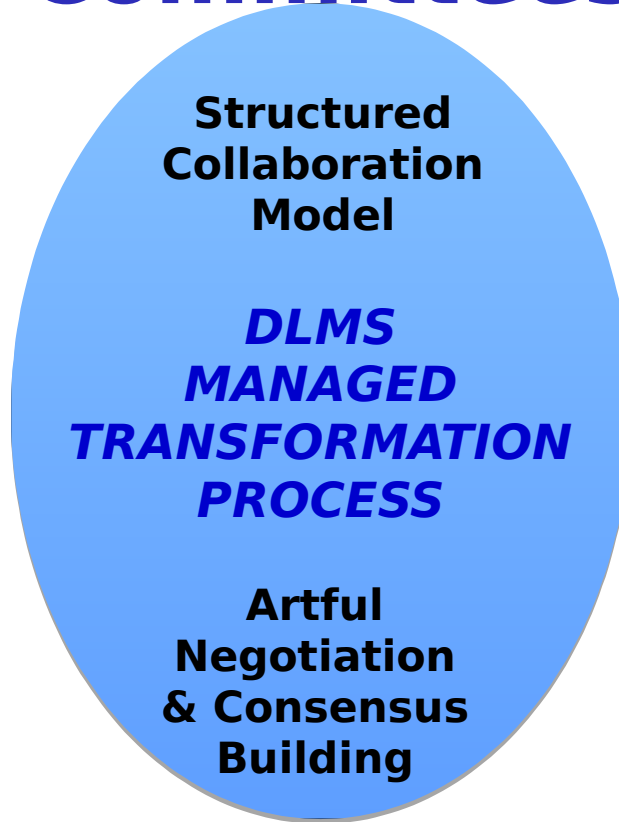
Governance

DLMS Process Review Committees

INPUTS

- OSD Policy Guidance
- Trading Partner Requirements & SMEs
- DLMS office SMEs & Technical Expertise
- DLA Transaction Services Technical Expertise

Proposed DLMS Changes (PDCs)



OUTPUTS

- Business Rules
- Business Objects
- Meta Data
- Functional Requirements

Approved DLMS Changes (ADCs)

Components Implement

<http://www.dla.mil/j-6/dlmso/About/committees.asp>

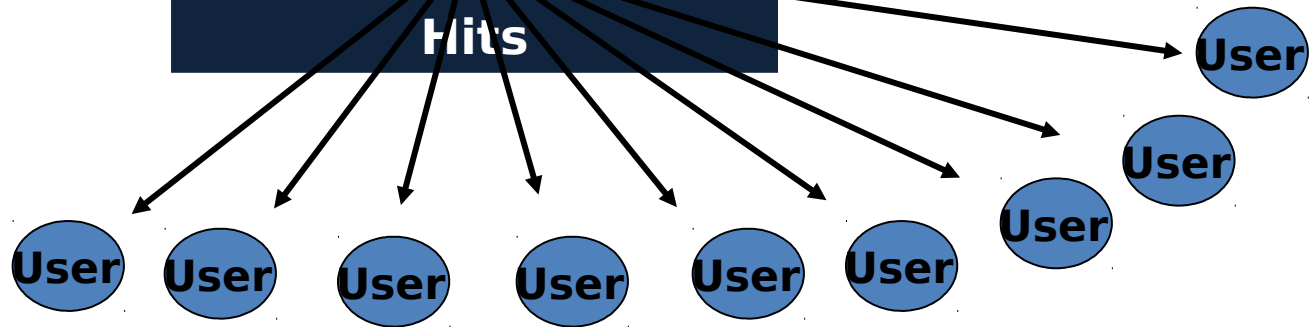
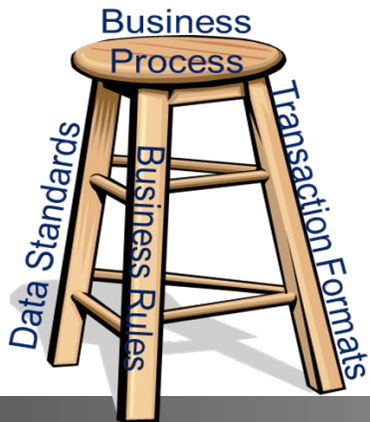
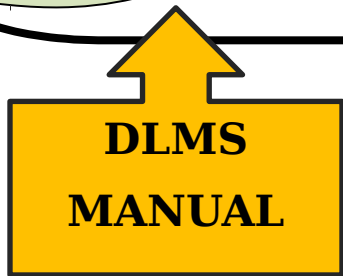
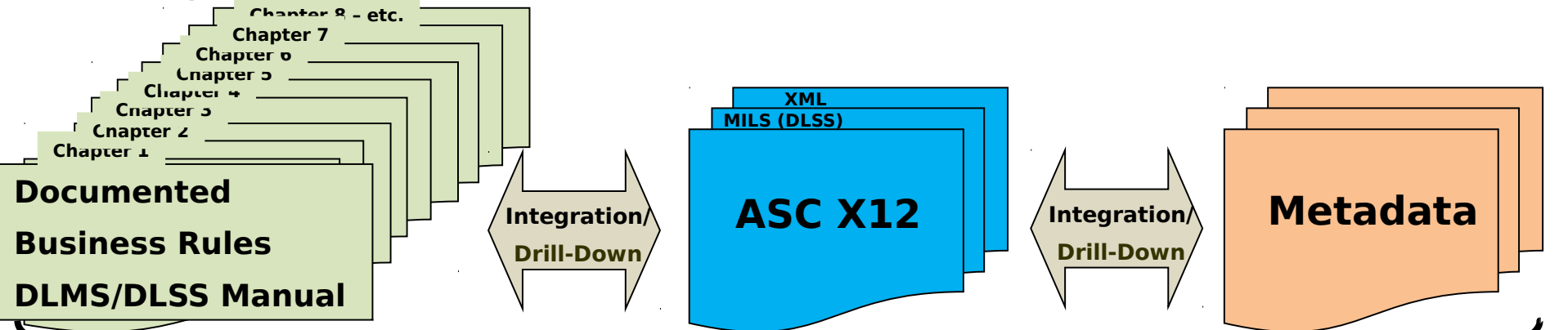


DLMS Managed Metadata

Logistics Business Rules

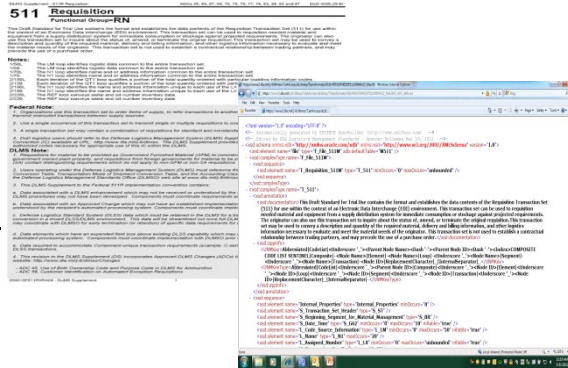
Interface Transaction Media

Common Data Dictionary





DLMS Managed Metadata



DLMS Manual - consists of logistics procedures and business rules

DLMS Supplements - consist of Commercial EDI standard based transactions (ANSI ASC X12 implementation & XML schemas).

Metadata Repository- <http://www2.dla.mil/j-6/dlms/eApplications/LogDataAdmin/dlmsdicdir.asp>

- DLMS Data Element Dictionary (DED)** - central repository for all DoD data elements used in the DLMS. It identifies "enterprise" data elements (e.g. Calendar Date) and related DoD/DLMS data elements (e.g. Date of Shipment). It identifies the location(s) of DLMS data elements within each DLMS supplement.
- DLMS Qualifiers** - provides a way to browse or search for the DLMS managed code lists used in the DLMS supplement.

ANSI X12 - A directory of all DLMS supplements (e.g. 511R) in abbreviated format, i.e.,

ANSI ASC X12 data elements and single/composite data

Total data elements 5809

Total Qualifier code sets 262

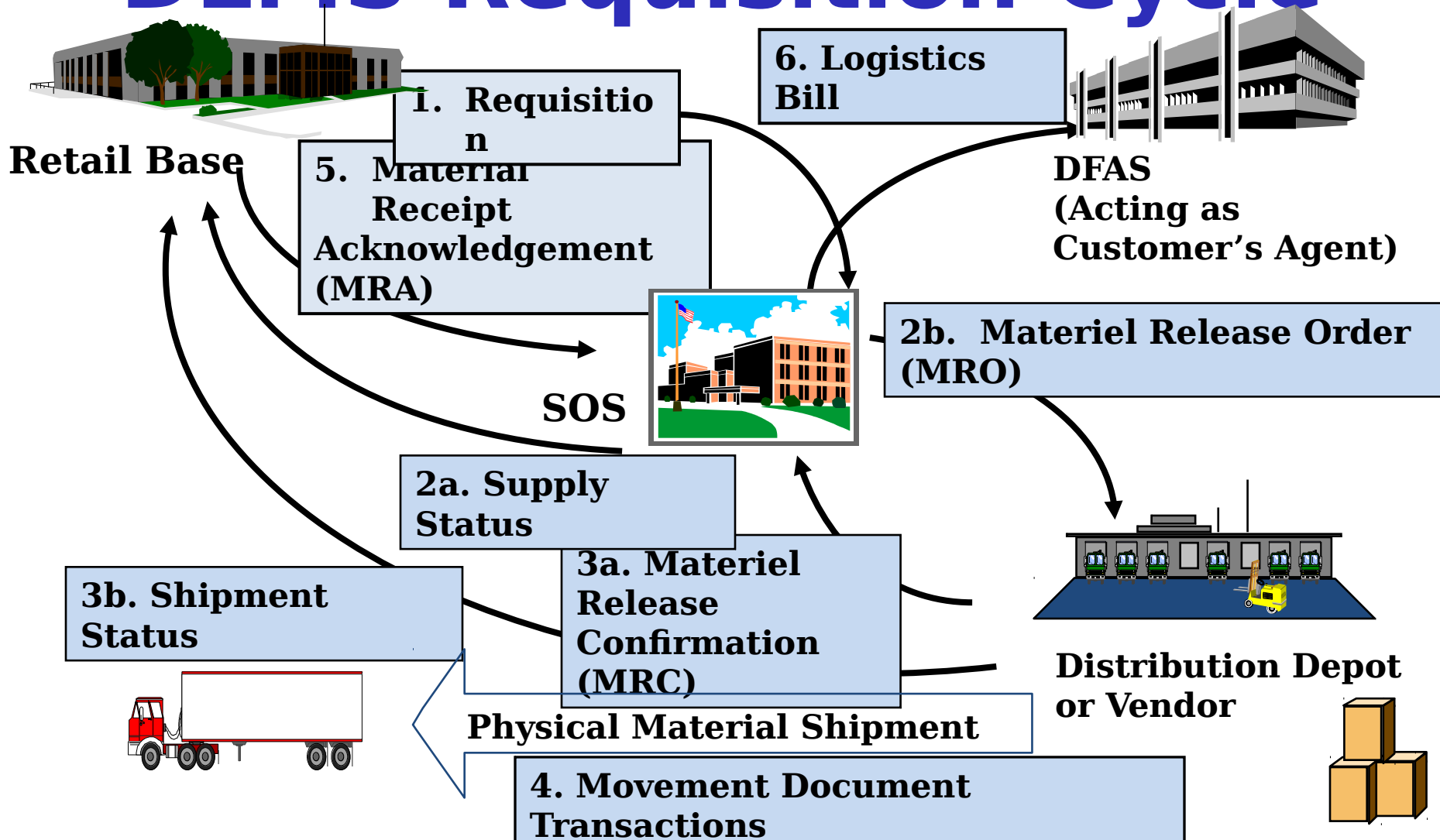
Total DLMS Transactions 64 MILS (or DLSS) Transactions 586

POS. NO.	SEG. ID.	NAME	REQ. DES.	MAX. USE	LOOP REPEAT
020	BR	BEGINNING SEGMENT	M	1	
070	HL	LOOP ID - LINE	M	1	200
110	GO1	CONTACT	U	5	

POS. NO.	NAME	REQ. DES.	MAX. LINE	LOOP REPEAT
010	LX	ASSIGNED NUMBER	M	1
020	HP	REFERENCE IDENTIFICATION	M	1-1
030	PO1	BASELINE ITEM DATA	M	1-3
060	GD	DEMAND DETAIL	U	1-100



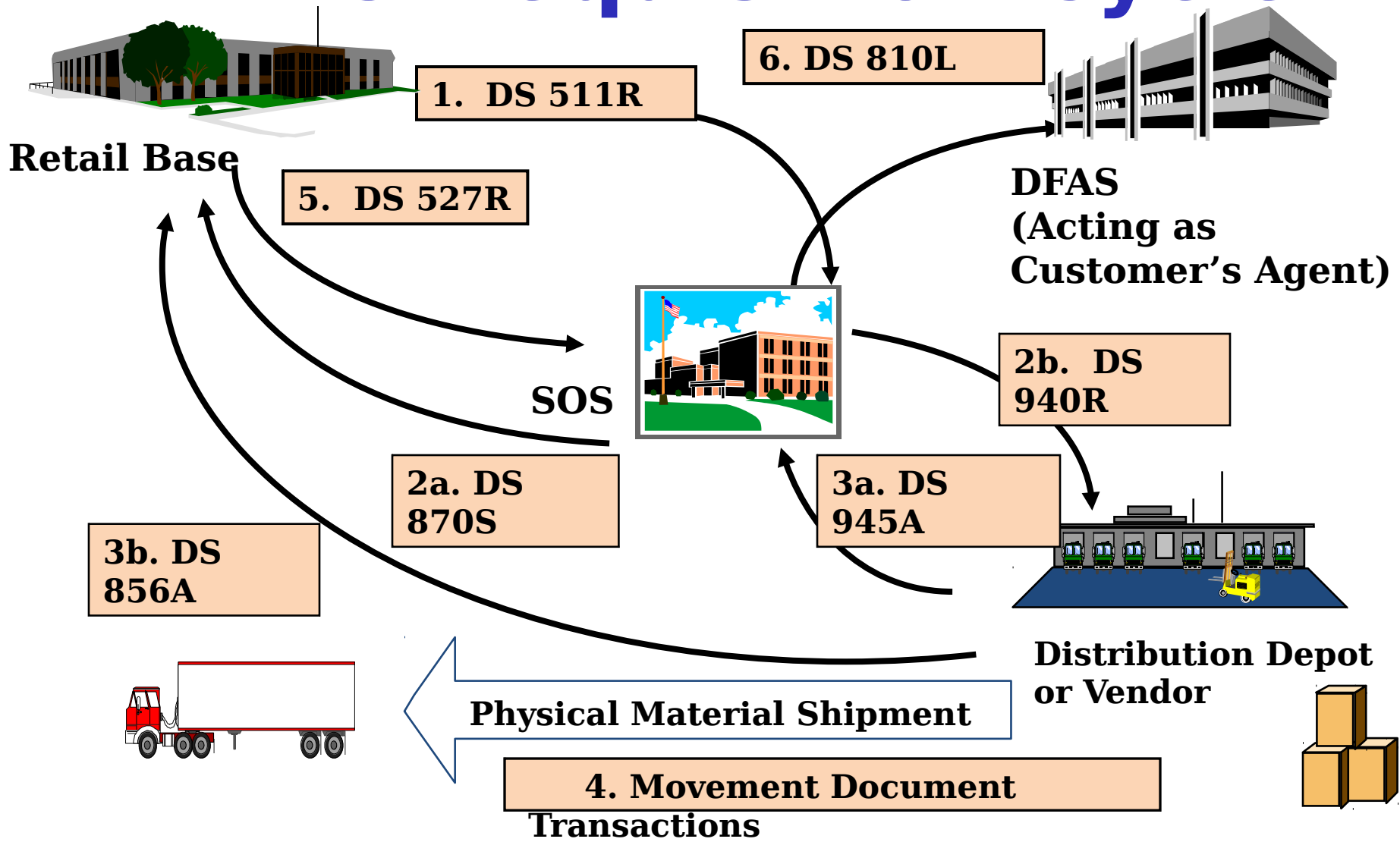
DLMS Requisition Cycle



BEA E2E Process Flows Supported or Affected: O2C, P2S, and P2P



DLMS Requisition Cycle





DLMS Functionality also includes:

- **Physical Inventory Program**
- **New Procurement Receipt Processing**
- **Interfund Billing**
- **Material Returns Program**
- **Material Obligation Validation Program**
- **Foreign Military Sales Notice of Availability**
- **Logistics Reassignment**
- **War Material Requirements**
- **Special Program Requirements**
- **Demand Data Exchange**
- **Small Arms/Ammunition**
- **Supply Discrepancy Reporting**
- **Logistics Asset Support**
- **Asset Status Reporting**
- **Weapon Systems Program**
- **Contract Administration (MILSCAP Functionality)**
- **Others**

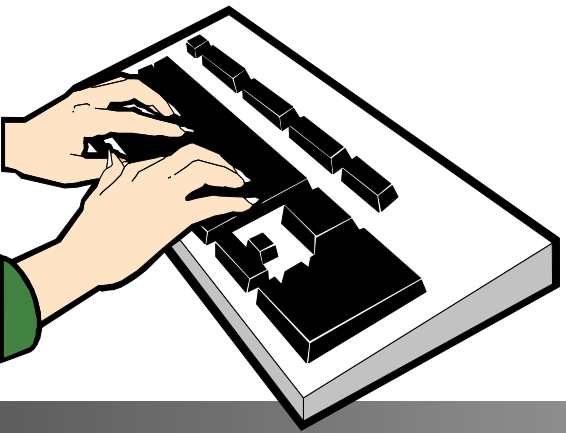


The DLMS office Web Site

A Valuable Resource

Navigation of the DLMS office
web site

www.dla.mil/j-6/dlms





Easy Access To:

- **Latest published DLSS & DLMS manuals**
- **DLMS Supplements**
- **DLMS XML Schemas**
- **Process change documentation**
- **Committee information**
- **DLMS Dictionary**
- **Link to Logistics Functional Data Administration web site: <http://www2.dla.mil/j6/dlms/eApplications/LogDataAdmin/logdata.asp>**
- **Link to DLMS training**
- **And more - worth exploring!!!**



Home - DLA Logistics Management Standards - Windows Internet Explorer
http://www2.dla.mil/j-6/dlmsol/
File Edit View Favorites Tools Help
Home - DLA Logistics Management Standards
Home Feeds (1) Read Mail Print Page Safety Tools Help



DEFENSE LOGISTICS AGENCY
Logistics Management Standards

About Us | Programs | eApplications | eLibrary | Other Activities | Links

Home | Help | Contact Us
Search: Search
Friday Sep 16, 2011

- QUICK LINKS
Committees
DLMS/ANSI Conversion Guides
DLMS Dictionaries/Directories
DLMS Process Changes
DLSS/DLMS Cross Ref Tables
Logistics Management Standards Publications
DoD XML Registry
ICs/DLMS Supps/DLSS
LOGDRMS (DLMS ATR)
Meet Me Line
Other Links
Other Manuals/Publications

Home
Home
Welcome to Defense Logistics Agency Logistics Management Standards
Formerly Defense Logistics Management Standards Office (DLMSO)
"New name - Same Mission - Logistics Interoperability"
DLMS Center of Excellence
Mission: Facilitate continuous enterprise integration process improvements to logistics management and operations.
Objective:
Consistently explore and... process and procedures through state of the art best business practices while making most effective... the warfighter. Accelerate transformation of DoD logistics operations from MILS-Military Standard Logistics Systems) to variable length records made possible by Defense... processing. Develop, coordinate and publish Defense Logistics Manuals (DLMS) and related... Emerging Enterprise Resource Planning (ERP) programs. Preserve legacy operations until the... respective operations.
HOT TOPICS:
• Soon to be released Defense Logistics Manuals (DLMS)
• DoD 411 - Email Address Lookup
• DLMS Implementation
Latest information:
Events & Meetings:
• JPIWG PRC Meeting September 22, 2011
RSS feed lists the most recent additions to our site. What is RSS?





DLMS office Training Support

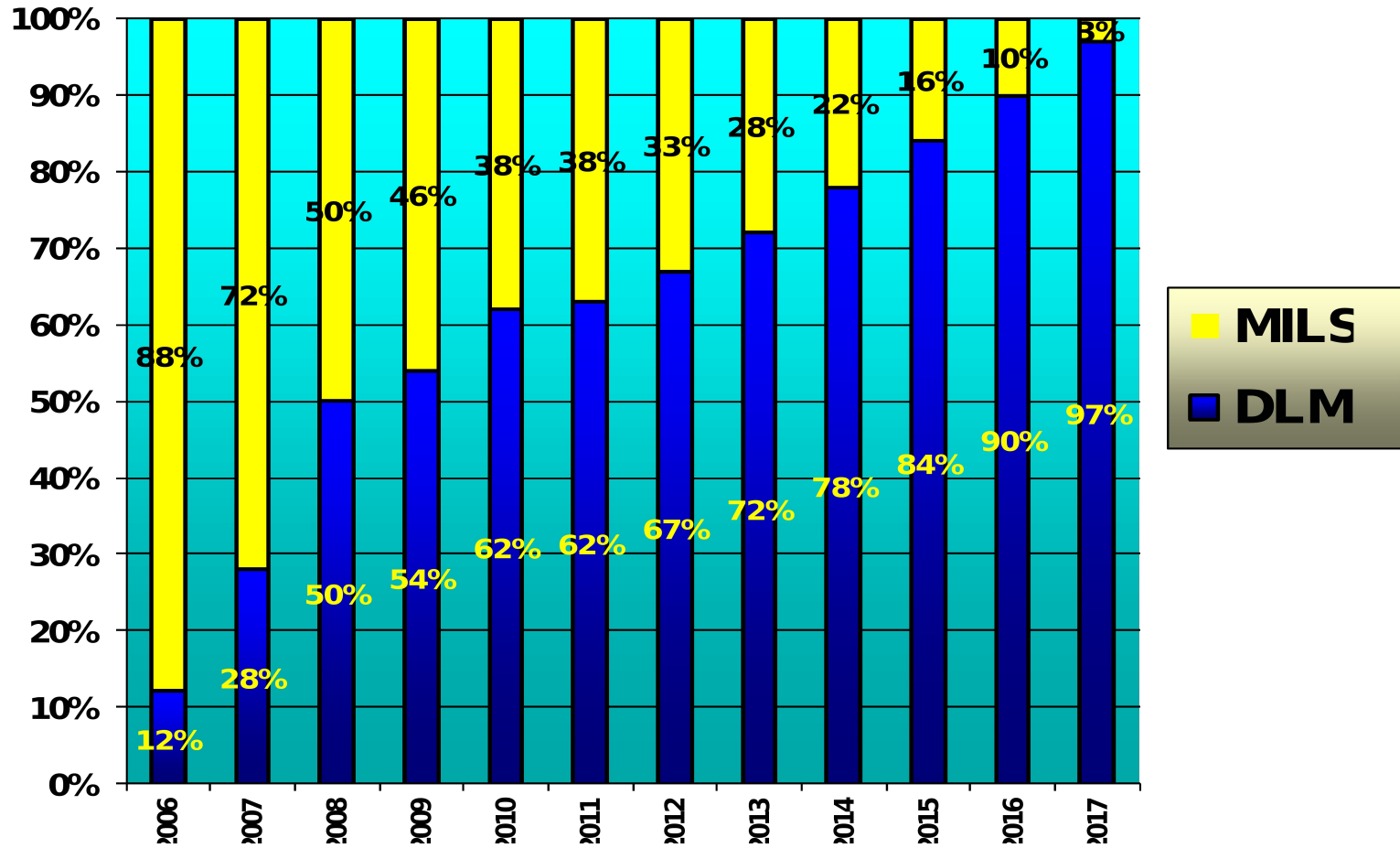
Since March 2007, the DLMS office has trained 529 DoD Component personnel:

Navy R-Supply	15	Norfolk, VA	March 27-28, 2007
Air Force ILS-S/SBSS	17	Maxell-Gunter AFB, AL	April 24-25, 2007
Army LOGSA & LAISO	15	Huntsville, AL	June 13-14, 2007
DAASC	12	Dayton, OH	July 24-25, 2007
Marine Corps MAISTER	15	Albany, GA	November 14-15, 2007
Navy ERP	22	Annapolis, MD	February 26 2008
DFAS	53	Columbus, OH	June 11-12, 2008
Air Force ECSS	87	Dayton, OH	July 17-18, 2008
GSA	15	Washington, DC	April 28, 2009
GCSS-Army	20	Petersburg, VA	May 12-13, 2009
DLIS	25	Battle Creek, MI	September 16-17, 2009
Air Force ILS-S/SBSS	18	Maxell-Gunter AFB, AL	March 3, 2010
DLA HQ Order Fulfillment	12	Fort Belvoir, VA	May 11, 2010
Naval Supply Syst. Comd.	15	Mechanicsburg, PA	June 22, 2010
US Marine Corps HQ	12	Stafford, VA	July 15, 2010
DLA HQ Distribution (J-3312)	15	Fort Belvoir, VA	March 28, 2011
DLA HQ Distribution (J-3312)	12	Fort Belvoir, VA	April 4, 2011
Navy Single Supply Baseline	29	Norfolk, VA	July 18, 2011
DLA Troop Support Command	20	Philadelphia, PA	October 18, 2011
DLA J-3/J-6	06	Fort Belvoir, VA	January 4, 2012
DLA Order Fulfillment Team	13	Fort Belvoir, VA	February 16, 2012
Federal Aviation Administration	19	Oklahoma City, OK	March 7-8, 2012

POC: Heidi Daverede, Heidi.Daverede@dla.mil 703-767-5111



DLMS Migration Score Card



Metric measuring progress is the Percentage of DLMS Transactions versus DLSS Transactions

Percentages for 2013 through 2017 are estimates based on projected ERP implementation dates.



DLMS office Support to Implementers

Management POCs:

- Mr. DC Pipp (703) 767-0670/DSN 427-0670 donald.pipp@dla.mil
- Captain John Burnett, USA (703) 767-6295/DSN 427-6295
John.Burnett@dla.mil

Functional Support POCs:

- Ms. Ellen Hilert (703) 767-0676/DSN 427-0676
ellen.hilert@dla.mil
- Ms. Mary Jane Johnson (703) 767-0677/DSN 427- 0677
mary.jane.johnson@dla.mil
- Mr. Bob Hammond (703) 767-767-2117/DSN 427-2117
robert.hammond@dla.mil
- Ms. Heidi Daverede (703) 767-5111/DSN 427-5111
heidi.daverede@dla.mil
- Mr. Lou Madrigal (703) 767-2011/DSN 427-2011
luis.madrigal@dla.mil
- Mr. Ken Deans (703) 767-2611 kenneth.deans@dla.mil

Technical Transaction Support POCs:

- Mr. Frank Napoli (703) 767-0753/ DSN 427-0753
frank.napoli.ctr@dla.mil
- Mr. Dale Yeakel (703) 767-8632/DSN 427-8632